

ADDENDUM NO. 1

Replace Obsolete /Inadequate Electric Panels Group A
(Phases XI, XII and XIII)
VA #537-12-163
At Jesse Brown VAMC

TO: "ALL BIDDERS OF RECORD"

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM OF THE DRAWINGS AND SPECIFICATIONS BY INSERTING ITS NUMBER IN THE PROPOSAL FORM. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS. IT MODIFIES THEM AS FOLLOWS:

PARKING:

VA will not provide parking spaces for the use of the general contractor. Contractor can park vehicles in the parking garage at prevailing rates.

ON SITE LOCATION for TEMPORARY STORAGE CONTAINER:

If the contractor desires an on-site temporary storage container, the VA will provide location sufficient to stage a 20ft x 10ft steel storage container. This location will be near the Polk Street dock. The area will be available to beginning 7/1/13 thru completion of the project. No additional space is available for temporary office or dumpster. Remove debris from the site daily.

GENERAL

1. Panelboards shall be braced for a minimum of 22,000 Available Interrupting Current (AIC) unless otherwise noted as larger.
2. If breaker sizes and quantities are not indicated, refer to schedule on sheet E201.

SHEET E11A-001

- A. **PANEL GB:** Replace panel with 225A MCB 42 pole panel. Panel shall have 1-100A3P breaker, 3-60A3P breakers, 2-30A3P breakers. Fill remaining panel with 20A1P breakers.
- B. **PANEL GB-1G:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL GC:** Replace panel with 225A MCB 42 pole panel. Panel shall have 1-100A3P breaker and 1-30A2P breaker. Fill remaining panel with 20A1P breakers.

- D. **PANEL GCA:** Replace panel with 100A MCB 42 pole panel. Panel shall have 1-30A3P and 3-15A2P breakers. Fill with 20A1P breakers.
- E. **PANEL GDL:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- F. **PANEL GDR:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- G. **PANEL GECC:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- H. **PANEL GKP:** Replace panel with 400A MCB 42 pole panel. Panel shall be 42 AIC.
- I. **PANEL GKD1:** Replace panel with 225A MCB 42 pole panel.
- J. **PANEL GKD2:** Replace panel with 225A MCB 42 pole panel.
- K. **PANEL GKD3:** Replace panel with 225A MCB 42 pole panel.

SHEET E11A-002

- A. **PANEL 1C:** Replace panel with 225A MCB 42 pole panel with 1-60A3P, 1-30A3P breakers. Fill with 20A1P breakers.
- B. **PANEL 1C-1G:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL 1B:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- D. **PANEL 1B-1G:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- E. **PANEL 1PD:** Replace panel with 225A MCB 42 pole panel with 4-60A3P, 4-15A3P, 4-30A3P breakers. Fill with 20A1P breakers.
- F. **PANEL 1PD-A1:** Replace panel with 225A MCB 42 pole panel with 7-20A2P breakers. Fill with 20A1P breakers.
- G. **PANEL 1DR:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- H. **PANEL 1DL:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.

SHEET E11A-003

- A. **PANEL 2B:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- B. **PANEL 2BA:** Replace panel with 225A MCB 42 pole panel with 1-30A2P, 2-20A2P, 3-30A1P breakers. Fill with 20A1P breakers. NOTE THAT THIS AREA IS WHERE VA STORES THEIR EMERGENCY DRUG CACHE.
- C. **PANEL 2C:** Replace panel with 225A MCB 42 pole panel with 2-20A2P breakers. Fill with 20A1P breakers.
- D. **PANEL 2DL:** Replace panel with 225A MCB 42 pole panel with 1-30A3P breaker. Fill with 20A1P breakers.
- E. **PANEL 2DR:** Replace panel with 225A MCB 42 pole panel with 1-30A2P, 1-20A2P breakers. Fill with 20A1P breakers.

SHEET E11A-004

- A. **PANEL 3B:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.

- B. **PANEL 3C:** Replace panel with 225A MCB 42 pole panel with 1-30A2P breaker. Fill with 20A1P breakers.
- C. **PANEL 3DL:** Replace panel with 225A MCB 42 pole panel with 1-50A2P breaker. Fill with 20A1P breakers.
- D. **PANEL 3DR:** Replace panel with 225A MCB 42 pole panel with 2-60A3P breakers. Fill with 20A1P breakers.
- E. **PANEL 3PD:** Replace panel with 400A MCB 42 pole panel with 1-90A3P, 1-70A3P, 1-150A3P, 1-30A3P, and 2-15A3P breakers. Fill with 20A1P breakers.
- F. **PANEL 3DAL:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- G. **PANEL 3DAR:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- H. **PANEL 311A:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers. NOTE THAT THIS IS ALSO A TELECOM CLOSET.

SHEET E11A-005

- A. **PANEL 4B:** Replace panel with 225A MCB 42 pole panel with 1-100A3P feeding 4BA, 2-30A3P, 1-60A2P breakers. Fill with 20A1P breakers.
- B. **PANEL 4BA:** Replace panel with 100A MCB 42 pole panel with 1-50A2P, 2-30A2P, 1-25A2P, and 3-25A1P breakers. Fill with 20A1P breakers.
- C. **PANEL 4C:** Replace panel with 225A MCB 42 pole panel with 2-20A2P breakers. Fill with 20A1P breakers.
- D. **PANEL 4DL:** Replace panel with 225A MCB 42 pole panel with 1-40A3P, 1-35A3P, 1-30A2P, and 1-20A2P breakers. Fill with 20A1P breakers.
- E. **PANEL 4DR:** Replace panel with 225A MCB 42 pole panel with 4-20A2P breakers. Fill with 20A1P breakers.
- F. **PANEL 4DD:** Replace panel with 225A MCB 42 pole panel. Panel shall be 42 AIC. NEW FEEDER TO BE 4-4/0+4 GROUND.

SHEET E11A-006

- A. **PANEL 5B:** Replace panel with 225A MCB 42 pole panel WITH 6-30A2P breakers. Fill with 20A1P breakers.
- B. **PANEL 5BM:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL 5BB:** Replace panel interior with 225A MCB 42 pole panel with 2-30A3P, 1-40A2P, and 1-30A2P breakers. Fill with 20A1P breakers.
- D. **PANEL 5CB:** Replace panel interior with 150A MCB 42 pole panel with 1-30A3P breaker. Fill with 20A1P breakers.
- E. **PANEL 5CA:** Replace panel interior with 150A MCB 42 pole panel with 1-30A3P, 2-30A3P, and 2-30A2P breakers. Fill with 20A1P breakers.

- F. **PANEL 5C:** Do not replace panel. Panel has already been replaced and renamed to panel 5AA.
- G. **PANEL 5CB:** Replace panel interior with 150A MCB 42 pole panel with 1-30A3P breaker. Fill with 20A1P breakers.
- H. **PANEL 5CC:** Replace panel interior with 150A MCB 42 pole panel with 1-30A3P, 2-20A2P, and 1-30A2P breakers. Fill with 20A1P breakers.
- I. **PANEL 5DL:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- J. **PANEL 5DR:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- K. **PANEL 5DAL:** Replace panel with 225A MCB 42 pole panel.
- L. **PANEL 5DAR:** Replace panel with 225A MCB 42 pole panel.
- M. **PANEL 5PD:** Replace panel with 400A MCB 42 pole panel. Panel shall be 42 AIC.

SHEET E11A-007

- A. **PANEL 6AB:** Do not replace panel. Panel has already been replaced and renamed to panel 6AA.
- B. **PANEL 6B:** Replace panel with 225A MCB 42 pole panel.
- C. **PANEL 6BA:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- D. **PANEL 6BB:** Replace panel interior with 100A MCB 42 pole panel with 4-30A3P, 2-30A2P, and 1-20A2P breakers. Fill with 20A1P breakers.
- E. **PANEL 6C:** Replace panel with 225A MCB 42 pole panel with 1-100A3P breaker feeding 6CA. Fill with 20A1P breakers.
- F. **PANEL 6CA:** Replace panel interior with 100A MCB 42 pole panel with 3-30A3P and 1-30A2P breakers. Fill with 20A1P breakers.
- G. **PANEL 6CB:** Replace panel interior with 100A MCB 42 pole panel with 2-30A3P, 1-30A2P, and 1-20A2P breakers. Fill with 20A1P breakers.
- H. **PANEL 6CC:** Replace panel interior with 100A MCB 42 pole panel with 2-30A3P, 2-20A3P, 3-20A2P, and 1-20A2P breakers. Fill with 20A1P breakers.
- I. **PANEL 6CD:** Replace panel with 100A MCB 42 pole panel with 1-100A3P, 2-30A3P, 1-20A3P, and 2-20A2P breakers. Fill with 20A1P breakers.
- J. **PANEL 6DL:** Replace panel with 225A MCB 42 pole panel with 3-30A3P and 1-30A2P breakers. Fill with 20A1P breakers.
- K. **PANEL 6DR:** Replace panel with 225A MCB 42 pole panel with 8-50A3P, 1-60A3P, 1-70A3P, 1-100A3P, and 1-150A3P breakers. Fill with 20A1P breakers.
- L. **PANEL 6DPC:** Replace panel with 400A MCB 42 pole panel with 3-100A3P breakers. Fill with 20A1P breakers. Panel shall be 42 AIC.
- M. **PANEL AD:** Replace panel with 100A MCB 42 pole panel with 2-30A2P and 1-20A2P breakers. Fill with 20A1P breakers.
- N. **PANEL BD:** Replace panel with 100A MCB 42 pole panel with 1-30A2P breaker. Fill with 20A1P breakers.

- O. **PANEL CD:** Replace panel interior with 100A MCB 42 pole panel with 3-30A3P and 1-20A2P breakers. Fill with 20A1P breakers.
- P. **PANEL DD:** Replace panel with 100A MCB 42 pole panel with 8-20A3P and 4-15A3P breakers. Fill with 20A1P breakers.
- Q. **PANEL DPD:** Replace panel with 400A MCB 42 pole 480/277V panel. Panel shall be 42 AIC.
- R. **PANEL ED:** Replace panel with 100A MCB 42 pole panel.
- S. **PANEL FD:** Replace panel with 100A MCB 42 pole panel.
- T. **PANEL GD:** Replace panel with 100A MCB 42 pole panel.
- U. **PANEL HD:** Replace panel with 100A MCB 42 pole panel.
- V. **PANEL ID:** Replace panel with 100A MCB 42 pole panel.
- W. **PANEL JD:** Replace panel with 100A MCB 42 pole panel with 4-30A3P, 1-50A3P, 7-15A3P, and 3-30A2P breakers. Fill with 20A1P breakers.

SHEET E11A-008

- A. **PANEL A:** Replace panel with 225A MCB 42 pole 480/277V panel Panel shall have 2-30A3P breakers, 2-20A3P breakers, and 1-15A2P breaker. Fill with 20A1P breakers. Panel shall be 42 AIC.

SHEET E11B-00B

- A. **PANEL B1:** Panel is labeled S1. Replace with 400AMCB Panel with 10-35A3P breakers and 5-100A3P Breakers. Panel shall be 42 AIC.
- B. **PANEL B2:** Panel is labeled S2. Replace panel with 225A MCB 42 pole panel with 1-40A3P, 2-30A3P, 1-25A3P, 1-30A3P breakers. Fill with 20A1P breakers.
- C. **PANEL BPD:** 400A MLO panel only feeds (1) 25A3P Breaker. DO NOT REPLACE.
- D. **PANEL B:** Panel is labeled SA. Replace with 100A MCB 42 pole panel with 20A1P breakers.

SHEET E11B-001

- A. **PANEL GE:** Panel is being replaced under separate project. DO NOT REPLACE.
- B. **PANEL GEF:** Emergency Panel. Replace panel with 100A MCB 42 pole panel with 20A1P breakers.
- C. **PANEL GF:** Replace panel with 225A MCB 42 pole panel with 1-60A3P, 1-50A2P breakers. Fill with 20A1P breakers.
- D. **PANEL GECD:** Replace panel with 225A MCB 42 pole panel with 4-100A3P breakers. Fill with 20A1P breakers.
- E. **PANEL GED:** Do not replace panel. Panel has already been replaced.
- F. **PANEL DPCP2:** Replace panel with 400A MCB 42 pole 480/277V panel with 2-200A3P breakers. Fill with 20A1P breakers. Panel shall be 42 AIC.

- G. **PANEL GEP:** Replace panel with 600A MCB 42 pole 480/277V panel. Panel shall be 42 AIC.
- H. **PANEL DP-1:** Replace panel with 800A MCB 42 pole panel with 2-400A3P breakers. Panel shall be 42 AIC.
- I. **PANEL DP-2:** Replace panel with 600A MCB 42 pole panel with 2-400A. Panel shall be 42 AIC.
- J. **PANEL DPCP:** Replace panel with 800A MCB 42 pole panel with 3-200A3P and 1-400A3P breakers. Panel shall be 42 AIC.

SHEET E11B-002

- A. **PANEL 1EL:** Replace panel with 225A MCB 42 pole panel with 1-20A1P GFI breaker. Fill with 20A1P breakers.
- B. **PANEL 1ER:** Replace panel with 225A MCB 42 pole panel with 2-60A3P, 1-100A2P breakers. Fill with 20A1P breakers.
- C. **PANEL 1F:** Replace panel with 225A MCB 42 pole panel with 1-30A2P breaker. Fill with 20A1P breakers.

SHEET E11B-003

- A. **PANEL 2E:** Replace panel with 225A MCB 42 pole panel with 1-100A3P breaker. Fill with 20A1P breakers.
- B. **PANEL 2EF:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL 2F:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- D. **PANEL 2FA:** Replace panel with 225A MCB 42 pole panel with 5-20A3P, 3-20A2P, 1-50A2P, 1-30A2P, 1-90A2P breakers. Fill with 20A1P breakers.

SHEET E11B-004

- A. **PANEL 3EL:** Replace panel with 225A MCB 42 pole panel. Fill with 20A1P breakers.
- B. **PANEL 3ER:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL 3F:** Replace panel with 100A MCB 42 pole panel with 2-30A2P breakers. Fill with 20A1P breakers.
- D. **PANEL 3FA:** Replace panel with 225A MCB 42 pole panel with 1-25A2P, 1-20A2P breakers. Fill with 20A1P breakers.

SHEET E11B-005

- A. **PANEL 4EL:** Replace panel with 225A MCB 42 pole panel with 2-50A1P breakers. Fill with 20A1P breakers.
- B. **PANEL 4ER:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- C. **PANEL 4F:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.

SHEET E11B-006

- A. **PANEL 5E:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- B. **PANEL 5F:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.

SHEET E11B-007

- A. **PANEL 6E:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- B. **PANEL DPE:** Replace distribution panel with 400A MCB 42 pole panel with 2-100A3P, 1-70A3P, and 3-50A3P breakers. Breakers to panels being replaced shall all be 100A3P breakers.
- C. **PANEL DPEA:**
- D. **PANEL AE:** Replace panel interior with 100A MCB 42 pole panel with 1-30A3P breaker. Fill with 20A1P breakers.
- E. **PANEL DPF:** Replace panel with 225A MCB 42 pole panel.
- F. **PANEL 6EF:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- G. **PANEL 6F:** Replace panel with 225A MCB 42 pole panel with 1-100A3P, 1-20A3P, 1-15A3P, and 1-25A2P breakers. Fill with 20A1P breakers.
- H. **PANEL 6FA:** Replace panel with 225A MCB 42 pole panel with 3-60A3P breakers. Fill with 20A1P breakers.
- I. **PANEL BE:** Replace panel interior with 100A MCB 42 pole panel with 3-30A3P and 1-20A2P breakers. Fill with 20A1P breakers.
- J. **PANEL AF:** Replace panel interior with 100A MCB 42 pole panel with 1-30A3P breaker. Fill with 20A1P breakers.
- K. **PANEL BF:** Replace panel interior with 100A MCB 42 pole panel. Fill with 20A1P breakers.
- L. **PANEL CF:** Replace panel interior with 100A MCB 42 pole panel with 1-20A2P breaker. Fill with 20A1P breakers.

SHEET E11B-008

- C. **PANEL 7E:** Replace panel with 100A MCB 42 pole panel with 2-20A3P breakers. Fill with 20A1P breakers.
- D. **PANEL P6:** DO NOT REPLACE. ALL FUSED SWITCHES ARE OFF.
- E. **PANEL 11PB:** Replace panel with 400A MCB 42 pole 480/277V panel with 2-40A3P, 2-25A-3P, and 2-15A3P breakers. Fill with 20A1P breakers.
- F. **PANEL 7B:** Replace panel with 100A MCB 42 pole panel.
- G. **PANEL 7PPHB:** Replace panel with 600A MCB 480V panel. Fill with 20A1P breakers.

SHEET E11B-009

- A. **PANEL 7E:** Replace panel with 100A MCB 42 pole panel. Fill with 20A1P breakers.

- B. **PANEL 8PPHB:** Replace panel with 400A MCB 42 pole panel WITH 4-100A3P, 2-15A3P breakers. Fill with 20A1P breakers.

END OF ADDENDUM NO. 1